

# ***WIND TUNNEL MODELS and STING BALANCES***



The Aerodynamic Test Facility has models for basic research and project support. A delta wing with pressure taps, and a double delta wing with removable strake/wing fillets and vertical tails are used to conduct fundamental research on vortex control. A 1/32 scale model of a F/A-18C and 1/28 F/A-18E are used in understanding vortex flow over the aircraft and to support center programs in modifying the aircraft. A 5% P-3 model is used to study the effects of attaching different pods on the fuselage and wings in support of developmental prototyping on center. The facility has 3 sting balances and one external balance for half span models.

*For more information contact the Aerodynamic Test Facility at the Naval Air Warfare Center Aircraft Division, Patuxent River, MD at 301-342-8535 or 301-342-8548.*

